

129I Interlaboratory Comparison

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Abstract

An interlaboratory comparison experiment for ^{129}I has been organized and conducted. A total of six laboratories participated in the exercise to either a full or limited extent. In the comparison, a suite of 11 samples were used. This suite of standards contained both synthetic 'standard type' material (e.g., AgI) and environmental materials. The isotopic $^{129}\text{I}/^{127}\text{I}$ ratio of the samples varied from 10^{-8} to 10^{-14} . Results of the comparison are presented.

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